

Converting Colors

YUV(162.4490, 39.7116,
49.5952)

Have a look what the booklet for
YUV(162.4490, 39.7116, 49.5952)
contains.

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Color

**YUV(162.4490, 39.7116,
49.5952)**

Conversions

Conversions Part 1

Format	Color
Hex	DB76F3
RGB	219, 118, 243
RGB Percent	86%, 46%, 95%
CMY	0.1412, 0.5373, 0.0471
CMYK	0.10, 0.51, 0.00, 0.05
HSL	288°, 84%, 71%
HSV	288°, 51%, 95%
XYZ	51.8695, 34.4880, 88.7170
YIQ	162.4490, 20.0710, 60.2870

Conversions

Conversions Part 2

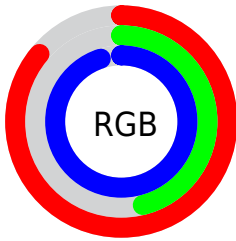
Format	Color
R _{YB}	219, 118, 243
Decimal	14382835
CIE Lab	65.35, 57.96, -46.55
CIE LCh	65, 74.335, 321.232
Yxy	34.4880, 0.2963, 0.1970
Android (android.graphics.Color)	4292572915 (0xFFDB76F3)
YUV	162.4490, 39.7116, 49.5952
Hunter-Lab	58.7265, 54.8868, -48.4598

Details

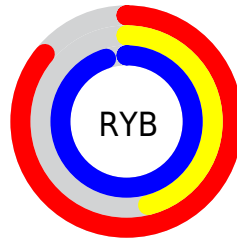
The YUV color **162.4490, 39.7116, 49.5952** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **198.5510, -39.7116, -49.5952**, and the grayscale version is **162.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **206.8660, 23.7301, 42.2135**, and **106.9110, 38.9909, 47.4361** is the 20% darker color. If you saturate the color by 10%, you get **146.8660, 47.3941, 58.8765**, and if you desaturate by 10%, it is **178.0320, 32.0292, 40.3139**.

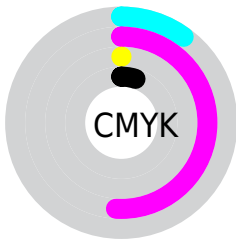
Distribution



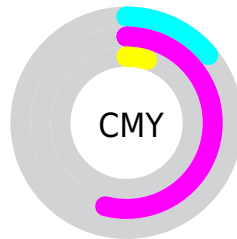
- Red (86%)
- Green (46%)
- Blue (95%)



- Red (86%)
- Yellow (46%)
- Blue (95%)



- Cyan (10%)
- Magenta (51%)
- Yellow (0%)
- Black (5%)





- Cyan (14%)
- Magenta (54%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the YUV color 162.4490, 39.7116, 49.5952 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 162.4490, 39.7116, 49.5952 by changing the saturation by 10% instead.


 162.4490, 39.7116,
49.5952


 162.4490, 39.7116,
49.5952


255.0000, 0.0000,
0.0000


 134.6230, 39.1329,
48.5656


 206.8660, 23.7301,
42.2135


 106.9110, 38.9909,
47.4361


 223.8890, 15.3377,
27.2843

 77.8510, 40.0065,
48.3657

 240.9120, 6.9454,
12.3552

 46.7420, 42.0322,
51.9693

 35.7050, 34.6554,
37.9697

 24.8960, 28.1523,
23.7702

 14.3860, 21.5017,

10.1855

■ 5.1640, 14.7091,
-4.5288

■ 1.1400, 4.3680,
-0.9998

■ 162.4490, 39.7116,
49.5952

■ 162.4490, 39.7116,
49.5952

■ 146.8660, 47.3941,
58.8765

■ 178.0320, 32.0292,
40.3139

■ 130.9950, 55.2185,
69.2874

■ 193.9030, 24.2048,
29.9031

■ 115.4120, 62.9009,
78.5687

■ 209.4860, 16.5224,
20.6218

■ 99.8290, 70.5833,
87.8500

■ 225.0690, 8.8400,
11.3405

86.3060, 77.2501,
96.2016

240.3530, 1.3050,
1.4444

251.2400, -4.0623,
-3.7185

252.7350, -4.7994,
-0.6446

253.6320, -5.2416,
1.1997

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



150.9180, 51.3124, -31.5001



162.4490, 39.7116, 49.5952



150.2960, 15.1371, 91.8254

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



162.4490, 39.7116, 49.5952



149.0570, -73.4851, 49.9390



134.3130, 34.8487, -117.7925

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



162.4490, 39.7116, 49.5952



198.5510, -39.7116, -49.5952

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



125.8600, 4.9990, -110.3792



162.4490, 39.7116, 49.5952



142.5580, -70.2811, 2.1416

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



162.4490, 39.7116, 49.5952



151.9440, -48.2864, 87.7491



129.5360, -30.3372, -69.7531



137.6650, 57.8462, -120.7322

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



162.4490, 39.7116, 49.5952



143.4050, -3.6507, 97.8688



129.5360, -30.3372, -69.7531



131.8050, 25.2391, -115.5930

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



162.4490, 39.7116, 49.5952



230.6010, 12.0287, 15.2589



146.9250, 47.3650, -25.3672



113.0040, 7.3930, 8.7665



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



162.4490, 39.7116, 49.5952



153.2840, 50.1460, 62.8949



165.2930, 19.5756, 68.1490



114.3580, 3.7675, 4.9480



66.0540, 59.1334, 73.6206



20.7790, 18.8430, 22.9958

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



158.1110, -7.9427, 74.4477



147.6620, -10.1864, 94.1354



195.7070, -19.5756, -68.1490



113.9300, -0.4585, 7.0774



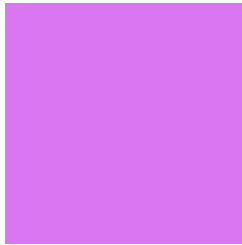
59.7180, -11.6930, 110.7493



18.8950, -3.8922, 35.1721

Previews

White Background



This preview shows how the YUV color 162.4490, 39.7116, 49.5952 looks on a white background.

Color Contrast Check

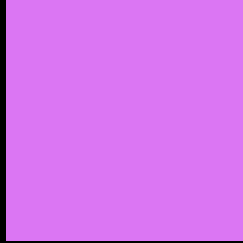
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 162.4490, 39.7116, 49.5952 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

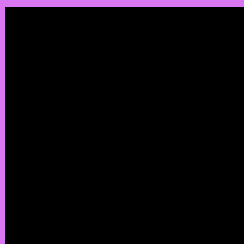
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 162.4490, 39.7116, 49.5952

Background



This preview shows how black text looks on a background with the YUV color 162.4490, 39.7116, 49.5952.



This preview shows how white text looks on a background with the YUV color 162.4490, 39.7116,

49.5952.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

162.4490, 39.7116, 49.5952

Protanopia

156.5220, 48.5497, -32.0298

Deuteranopia

157.0250, 38.9347, -28.0859



Tritanopia

161.5750, -5.2135, 38.9607

Trichromacy



Original Color

162.4490, 39.7116, 49.5952



Protanomaly

158.6120, 45.5473, -2.2907



Deuteranomaly

158.7280, 39.5741, 0.2385



Tritanomaly

162.1360, 10.7790, 42.8537

Monochromacy



Original Color

162.4490, 39.7116, 49.5952



Achromatopsia

162.0000, 0.0000, 0.0000



Achromatomaly

162.1930, 14.2019, 18.2477

CSS Examples

Text

The CSS property to change the color of the text to YUV 162.4490, 39.7116, 49.5952 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(219, 118, 243)` looks like.

```
.text, #text, p{  
    color:rgb(219, 118, 243)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(219, 118, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 118, 243) }
```

Border

The CSS property to change the border of an element to YUV 162.4490, 39.7116, 49.5952 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(219, 118, 243) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(219, 118, 243) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(219, 118, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 118, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 118, 243);  
box-shadow:4px 4px 4px 4px rgb(219, 118,  
243) }
```

Background

The CSS property to change the background color of an element to YUV 162.4490, 39.7116, 49.5952 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 118, 243) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(219,  
118, 243) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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